



EFW

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the below date:
Date: 7/7/04 Name: Anthony P. Curtis, Ph.D., 46,193 Signature: [Signature]

BRINKS
HOFFER
GILSON
& LIONE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. of: J. Gary Eden et al.

Appln. No.: 10/782,164

Filed: February 19, 2004

For: MICRODISCHARGE DEVICES AND
ARRAYS

Attorney Docket No: 10322/66

Examiner: Not yet assigned

Art Unit: 2821

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL

Sir:

Attached is/are:

- ☒ Transmittal Cover Letter (1p. Filed in Dup.); Information Disclosure Statement (3pp. Filed in Dup.); Form PTO 1449 (1p.); 5 Cited References
☒ Return Receipt Postcard

Fee calculation:

- ☐ No additional fee is required.
☐ Small Entity.
☐ An extension fee in an amount of \$_____ for a _____-month extension of time under 37 C.F.R. § 1.136(a).
☐ A petition or processing fee in an amount of \$_____ under 37 C.F.R. § 1.17(____).
☐ An additional filing fee has been calculated as shown below:

					Small Entity			Not a Small Entity	
	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Rate	Add'l Fee	or	Rate	Add'l Fee
Total		Minus			x \$9=			x \$18=	
Indep.		Minus			x 43=			x \$86=	
First Presentation of Multiple Dep. Claim					+ \$145=			+ \$290=	
					Total	\$		Total	\$

Fee payment:

- ☐ A check in the amount of \$_____ is enclosed.
☐ Please charge Deposit Account No. 23-1925 in the amount of \$_____. A copy of this Transmittal is enclosed for this purpose.
☐ Payment by credit card in the amount of \$_____ (Form PTO-2038 is attached).
☒ The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 23-1925.

Date 7/7/04

Respectfully submitted

[Signature]
Anthony P. Curtis, Ph.D. (Reg. No. 46,193)



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7/7/04

Date of Deposit

Anthony P. Curtis, Ph.D., Reg. No. 46,193

Name of Applicant, Assignee or
Registered Representative

Signature

7/7/04

Date of Signature

Our Case No.: 10322/66

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

J. Gary Eden et al.

Serial No.: 10/782,164

Filing Date: February 19, 2004

For: MICRODISCHARGE DEVICES
AND ARRAYS

Examiner: Not yet assigned

Group Art Unit No.: 2821

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Alexandria, VA 22313-1450

Dear Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed below and on the attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

The references now cited are the following:

No.	Date	Name
5,939,829	August 17, 1999	Schoenbach et al.
6,139,384	October 31, 2000	DeTemple et al.
6,082,294	July 4, 2000	Simpson
DOCUMENT NUMBER	DATE	NAME
JP 7,192,701	07/1995	Japan
OTHER ART		
"High-Pressure Hollow Cathode Discharges;" Karl H. Schoenbach et al.; Physical Electronics Research Institute, Old Dominion University, Norfolk, VA, USA; 6-30-1997.		
"Microdischarge Devices Fabricated in Silicon;" J.W. Frame et al.; Department of Electrical and Computer Engineering, Everett Laboratory, University of Illinois, Urbana, Illinois, USA; 6-30-1997; App. Phys. Lett. 71 (9), 1 September 1997.		
"Flexible Microdischarge Arrays: Metal/Polymer Devices;" S.-J. Park et al.; Laboratory for Optical Physics and Engineering, Department of Electrical and Computer Engineering, University of Illinois, Urbana, Illinois, USA; 5-17-2000; Applied Physics Letters, Volume 77, Number 2, 10 July 2000.		
"Emission of Excimer Radiation from Direct Current, High-Pressure Hollow Cathode Discharges;" Ahmed El-Habachi and Karl H. Schoenbach; Electrical and Computer Engineering Department, Physical Electronics Research Institute, Old Dominion University, Norfolk, Virginia, USA; 11-4-1997; App. Phys. Lett. 72 (1), 5 January 1998.		

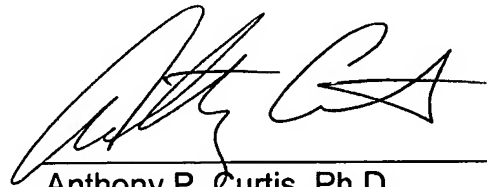
In accordance with 37 C.F.R. § 1.97(g),(h), this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

This Information Disclosure Statement is being filed prior to the receipt of the first Official Action reflecting an examination on the merits and hence is believed to be timely filed in accordance with 37 C.F.R. § 1.97(b). No fees are believed to be due in connection with filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these material, the Commissioner is hereby authorized to deduct said fees from Brinks Hofer Gilson & Lione Deposit Account No. 23-1925. A duplicate copy of this document is enclosed.

This application is a divisional application of U.S. Serial No. 10/040,300, filed October 26, 2001 and is relied upon for an earlier filing dated under 35 U.S.C. § 120. In accordance with Rule 37 C.F.R. § 1.98(d) only copies of documents not previously cited and submitted to the Patent and Trademark Office in the prior application Serial No. 10/040,300 are enclosed for the convenience of the Examiner.

Applicant(s) respectfully request that the listed documents be made of record in the present case.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'AP Curtis', is written over a horizontal line.

Anthony P. Curtis, Ph.D.
Registration No. 46,193
Agent for Applicant(s)

BRINKS HOFER GILSON & LIONE
P.O. Box 10395
Chicago, IL 60610
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FORM PTO-1449	SERIAL NO. 10/782,164	CASE NO. 10322/66
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE February 19, 2004	GROUP ART UNIT 2821
(use several sheets if necessary)		APPLICANT(S): J. Gary Eden et al.

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	A1	5,939,829	August 17, 1999	Schoenbach et al.		
	A2	6,139,384	October 31, 2000	DeTemple et al.		
	A3	6,082,294	July 4, 2000	Simpson		

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES OR NO
	A4	JP 7,192,701	07/1995	Japan		Yes (Partial)

EXAMINER INITIAL	OTHER ART – NON PATENT LITERATURE DOCUMENTS <small>(Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.)</small>	
	A5	"High-Pressure Hollow Cathode Discharges;" Karl H. Schoenbach et al.; Physical Electronics Research Institute, Old Dominion University, Norfolk, VA, USA; 6-30-1997.
	A6	"Microdischarge Devices Fabricated in Silicon;" J.W. Frame et al.; Department of Electrical and Computer Engineering, Everett Laboratory, University of Illinois, Urbana, Illinois, USA; 6-30-1997; App. Phys. Lett. 71 (9), 1 September 1997.
	A7	"Flexible Microdischarge Arrays: Metal/Polymer Devices;" S.-J. Park et al.; Laboratory for Optical Physics and Engineering, Department of Electrical and Computer Engineering, University of Illinois, Urbana, Illinois, USA; 5-17-2000; Applied Physics Letters, Volume 77, Number 2, 10 July 2000.
	A8	"Emission of Excimer Radiation from Direct Current, High-Pressure Hollow Cathode Discharges;" Ahmed El-Habachi and Karl H. Schoenbach; Electrical and Computer Engineering Department, Physical Electronics Research Institute, Old Dominion University, Norfolk, Virginia, USA; 11-4-1997; App. Phys. Lett. 72 (1), 5 January 1998.

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.